

INTEGRATED BUSINESS SYSTEM FOR THE DESIGN, EXECUTION, AND MANAGEMENT OF PROJECTS

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5 ABSTRACT OF THE DISCLOSURE

The system of method for building a database for the design and execution of projects is described. This system includes a host computer system in data communication with a central database and at least first and second databases. The central data base stores information relating to the design and execution of the project 10 predetermined to be important to one or more project team members. The first and second databases are in communication with first and second computer systems which may be remotely located from each other and which execute standard industry software tools. The host computer system is configured to monitor a plurality of transactions to the first database. Each of the plurality of transactions stores data in 15 the first database. The monitoring includes comparing the plurality of a transaction against a predetermined transaction. If the host computer detects a match between one of the plurality of transactions and the predetermined transaction, the host computer reads the first data stored in the first database by the matched transaction and stores the first data in either the second database or the central database, or both. 20 Additionally, the host computer system generates a message indicating that the first database was updated with the first data. This message is then transmitted to the second computer system.